

Patent Abstracts of Japan

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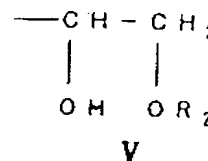
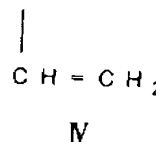
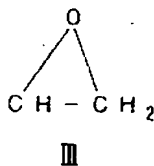
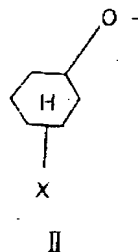
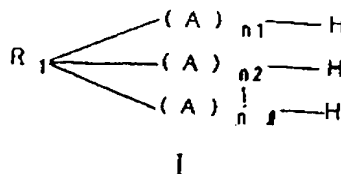
APPLICATION DATE : 28-12-85
APPLICATION NUMBER : 60298990

APPLICANT : DAICEL CHEM IND LTD;

INVENTOR : WATANABE MASA HARU;

INT.CL. : C08G 59/32. // B25B 11/02

TITLE : EPOXY RESIN JIG



ABSTRACT : PURPOSE: To obtain the titled jig excellent in heat resistance, moldability and electrical properties, comprising a specified epoxy resin and a curing agent.

CONSTITUTION: A polycyclohexene oxide polymer having vinyl group side chains, obtained by polymerizing, by ring opening, 4-vinylcyclohexene-1-oxide in the presence of an active hydrogen-containing organic compound (e.g., allyl alcohol) is epoxidized with an oxidizing agent such as a peracid to obtain an epoxy resin of formula I (wherein R is an organic compound residue having an active hydrogen, n^1 , n^2 ...

n^1 are each 0 or 1-100 and their sum is 1-100, A is a cyclo hexane skeleton having a substituent of formula II, X is a group of any one of formulas III-V, R_2 is H, alkyl, carboalkyl or carboaryl and contains at least one group of formula III). This epoxy resin is mixed with a curing agent (e.g., phthalic anhydride), a cure accelerator and a curing rate modifier, and the mixture is formed into a jig according to a usual process.

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